

[EU10] European Union Location Framework (EULF)

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Summary	
ID	EU10
Initiative	ISA
Short description	<p>The objective of this action is to develop and test the concept of a European Union Location Framework (EULF), an EU-wide, cross-sector interoperability framework for the exchange and sharing of location data and services.</p> <p>The EULF concept consists of a package of recommendations, guidance, methodologies, case studies, training, pilots and collaborative action required by public administrations and stakeholder communities to facilitate the free flow of location data and ensure its effective use in e-government services. The EULF sets up an open and interoperable framework that public authorities should use for their procurement. It complements and extends the implementation of INSPIRE to facilitate the introduction and use of the infrastructure in new thematic sectors.</p> <p>The purpose of EULF is to help 'location-enable' e-government, by providing a framework for assessment and action for exchange and sharing location information, relevant to all sectors and across borders, using INSPIRE in new situations, delivering 'location' interoperability alongside the other ISA actions.</p> <p>The outcome of the work so far is a strategic vision based on extensive consultation, an initial 'blueprint' of concrete recommendations and guidance on topics such as procurement, the use of standards, and opportunities for the alignment of strategies and policies, and a series of 'pilot' developments to apply and test the EULF blueprint in key sectors (transportation, marine and energy)</p>
Owner	ISA Action 2.13
Contact	ISA Unit
Type	Framework
Sub-Type	Strategy
Context	Cross-border, Cross-sector
Base Registry type	All
Operating model	<p>The solution is intended to offer a package of case studies, specifications, guidelines, training materials, recommendations and actions required by public administrations and stakeholder communities to <u>facilitate the implementation, use and expansion of INSPIRE</u> in an e-government context.</p> <p>Other actions in the ISA programme create synergy with the EULF, in particular the actions relating to Core Vocabularies, Base Registries, the European Interoperability Architecture (EIA) and the Reusable INSPIRE Reference Platform (ARE3NA). The EULF will provide</p>

	<p>'location' input to the work on the EIA and will draw on the best practices developed for Core Vocabularies and Base Registries. The EULF and ARE3NA both relate to the implementation of the INSPIRE Directive, the EULF from a policy and usage perspective and ARE3NA in promoting the reuse of technical components. The EULF will also work with other Commission co-funded 'location' initiatives, such as the European Location Framework (ELF) and eENVplus to ensure alignment, and will contribute to the analysis and best practice development being undertaken by UN-GGIM Europe.</p> <p>The EULF and ARE3NA ISA actions will receive policy and technical advice from the ISA Working Group on Spatial Information and Services, which includes representatives from Member States and relevant Commission departments.</p>
IPR	Reuse is authorised, provided the source is acknowledged. The reuse policy of the European Commission is implemented by a Decision of 12 December 2011
Status	Operational
More details	
Aggregated business need	ABN – 1 Need for common understanding of data entities
Functionalities	<p>The solution offers details about the following matters:</p> <p>Figure 1: EULF Focus Areas</p> <p>Policy and Strategy Alignment: Consistent EU and Member States policy and legislative approach</p> <p>Return on Investment: Strategic funding and procurement, compelling business cases and good evidence of benefits</p> <p>Effective Governance and Partnerships: Decision making, collaboration, awareness and skills to share and apply best practices</p> <p>e-Government Integration: Location is a key enabler in e-Government services, addressing user needs and expectations</p> <p>Standardisation and Interoperability: Standards and technologies for interoperability and re-use are consistently applied</p> <p>What can we find in EULF, now or in the future</p> <p>Policy and strategy alignment An approach for aligning thematic policies with INSPIRE, taking account of relevant use cases</p> <p>eGovernment integration Access to best practices, publish case studies and guidance, and provide support and draw lessons from pilots and the most successful implementations</p> <p>Standardisation and interoperability Guidance and direction on the use of international standards that results in improved semantic and technical interoperability and more widespread sharing and use of location information</p>

	<p>Return on investment</p> <p>Develop a good understanding of the need for sustained funding of key national and European datasets and effective procurement, recognising INSPIRE and relevant skills</p> <p>Effective Governance and partnerships</p> <p>EULF community to contribute to decision making and problem solving and share and use best practices, building on existing and new partnerships</p> <p>•</p>
Design/Architecture	<p>The EULF vision and actions need to be considered alongside the wider ISA programme, and the value of the EULF and its various elements is enhanced when the broader elements of the programme are also taken on board. The below figure illustrates the contributions of EULF and ARE3NA to the ISA value chain.</p> <p><i>Figure 3: ISA Value Chain - Geospatial Elements</i></p> <p>ISA Spatial Information Services Working Group advice and promotion</p> <p>EULF Vision</p> <p>Structuring and strategic activities</p> <p>Collection and assessment of interoperability solutions</p> <p>EULF Blueprint</p> <p>Mapping solutions into a cartography</p> <p>EULF/ARE3NA Inventories</p> <p>Identify missing parts</p> <p>EULF/ARE3NA Assessments</p> <p>Setting the interoperability agenda</p> <p>EULF Vision</p> <p>EULF Blueprint</p> <p>Support the development of missing parts</p> <p>Community building / raising awareness</p> <p>EULF/ARE3NA Communications</p> <p>ARE3NA Re-use Tools</p> <p>EULF Benefit Realisation</p> <p>EULF/ARE3NA Guidelines</p> <p>EULF Piles</p> <p>INSPIRE legal acts, guidelines, tools, projects, community</p> <p>Other key policies (e.g. PSI, ITS) and initiatives (e.g. UN-GGIM, ELF, smeSPIRE)</p>
Technologies	Not Available/Not Found
Specifications	<p>This solution builds further on INSPIRE and ARE3NA. It will complement existing INSPIRE Technical Guidance documents to facilitate the introduction and use of the infrastructure in new thematic sectors.</p>
Management	Not Available/Not Found
Governance	<p>The project team of the ISA action is the body executing the Governance of the EULF. They are building a stakeholder community to determine needs and priorities, validate outputs, and help promote take-up of the EULF. The EULF Roadmap describes outcomes, benefits, feasibility, future plans.</p> <p>The below figure gives a broad indication of the relevance of location information in different policy areas and the degree of change in these policy areas involving location information (based on the Commission work programme).</p>

	<p>Figure 2: EULF Policy Opportunities</p> <p>Priorities: 1 ■ 2 ■</p> <p>The stakeholder community will consist of "contributors" and "beneficiaries". As a "contributor", an organisation or initiative may contribute to analysis and priority setting, supply best practices, case studies, compatible frameworks or re-usable software, make its data more readily usable, or be involved in pilot applications. "Beneficiaries" will either be direct beneficiaries (e.g. e-Government authorities) who make use of the EULF and the contributions of stakeholders in terms of policies, guidelines, services or products; or indirect beneficiaries (e.g. businesses or citizens) who are able to work in wider markets or use more effective location-based services provided by government or their business partners.</p>
Sustainability	The current project has actions foreseen till 2016, in the ISA program. With the ISA ² program, this will probably extended in time
Documentation	Click Here
ADMS	Click Here
Current Users	Pilots
EIRA	
View	Organisational View
Building Block	Organisational Procedure
Reusability	
Landscape	

Criteria



IPR and licenses



Legal



Suitability of documentation



Maturity



Extensibility



Scalability



Designed for re-use



Planned re-use or extension to other domains



Maintenance and support



Use of standards



Actual Reuse



Language and location suitability



Granularity



Impacts



Testability

